

2874



**IN THE UNITED STATES**  
**PATENT AND TRADEMARK OFFICE**

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SEP 17 2001

TC 2800 MAIL ROOM

Applicant: **Shuo-Yen Robert Li**

Case: 10

Serial No. **09/882,761**

Filed: **June 15, 2001**

Group Art Unit:

Examiner:

Title of Invention: **A CONDITIONALLY NONBLOCING SWITCH OF THE  
UPTURNED COMPRESSOR TYPE**

**THE COMMISSIONER OF PATENTS AND TRADEMARKS**  
**WASHINGTON, D.C. 20231**

**SIR:**

Enclosed is a Preliminary Amendment in the above-identified application.

An additional fee is required based on the calculation below for a **small entity**:

**CLAIMS AS AMENDED**

	CLAIMS REMAINING AFTER AMENDMENT	CLAIMS PREVIOUSLY PAID FOR	EXTRA	RATE	ADDITIONAL FEE
Total Claims	21	21	0	\$9.00	\$ 0.00
Indep. Claims	2	3	0	\$40.00	\$ 0.00

Multiple Claims First Presented with this Amendment = 0	\$0
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**Total: \$0.00**

Also enclosed herewith for filing in connection with the enclosed application are:

**XX** Return Postcard

Respectfully submitted,

*John T. Peoples*

Date: 9-8-01

John T. Peoples (Reg. No. 28,250)  
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Certificate of Mailing Under 37 CFR 1.8(a)

I hereby certify that this correspondence is being deposited by me on  
9-8-01 with the United States Postal Service with sufficient  
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for Patents, Washington, DC 20231.

9-8-01  
Date of Certificate

John T. Peoples  
John T. Peoples



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9/20/01*

**THE COMMISSIONER OF PATENTS AND TRADEMARKS**  
**WASHINGTON, D.C. 20231**

**SIR:**

**PRELIMINARY AMENDMENT**

Enclosed is a Preliminary Amendment in the above-identified application.

Please amend the application as follows.

In the Specification:

Replace pages 8 and 9 with the following:

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-- SUMMARY OF THE INVENTION

The shortcomings of the prior art, as well as other limitations and deficiencies, are obviated in accordance with the present invention by applying algebraic principles to the physical realization of a large switching fabric based upon contemporary technologies.

*a1*

In accordance with a broad method aspect of the present invention, a method for implementing a class of  $N \times N$  upturned compressors each serving a